

U.S. ENVIRONMENTAL PROTECTION AGENCY

POLLUTION REPORT

I. HEADING

DATE: July 28, 1997

SUBJECT: Petro-Chem Resources, Newark, Essex County,
New Jersey

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Response and Prevention Branch

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START

POLREP No: One (1)

II. BACKGROUND

Site No.:	JK
Delivery Order No.:	2001-02-128
Response Authority:	CERCLA
ERNS No.:	N/A
CERCLIS No.:	NJD130486327
NPL Status:	Non-NPL
State Notification:	NJDEP notified
Action Memorandum Status:	Approved June 24, 1997
Start Date:	July 7, 1997
Demobilization Date:	N/A
Completion Date:	N/A

III. SITE INFORMATION

A. Incident Category

CERCLA Incident category: Other
Abandoned Chemical Processing/Storage Facility

B. Site Description

1. Site Location

Petro-Chem Resources is located at 411 Wilson Avenue, Block 5020, Lot 98, Newark, Essex County, New Jersey. The Site consists of a single building and three above ground tanks. The building was used for processing, storage and offices. The structure is of cinder block and steel construction and in poor condition. One section was involved in a fire and the roof and parts of the walls have collapsed. The property is approximately 4 acres in size and located in an industrial section of the city. The Site is not secured, and there is evidence of vandalism and public entry.

The property is bordered by a service road and Conrail freight lines to the north and west, an intermodal container storage yard to the north and east, and a service road and Wilson Avenue to the south.

2. Description of Threat

On March 7, 1997, the Environmental Protection Agency (EPA) received a request from the New Jersey Department of Environmental Protection (NJDEP) to perform a removal action at the Petro-Chem Resources Site.

Approximately 30 drums and 500-1000 bags of material are present. The bagged material is located in the area of the facility that had been involved in the fire. The material has been unprotected and many of the bags have deteriorated and spilled their contents. The material has migrated from the building onto an asphalt area outside and is several inches thick in some places.

Hazcatting performed during the preliminary assessment revealed the presence of materials that meet the criteria of hazardous waste for the characteristics of ignitability and corrosivity. In addition, container labeling indicates the presence of glacial acrylic acid, diethanolamine and

sodium hydroxide. Phenol-formaldehyde resins, plasticizers and unidentified materials are also located at the Site.

Most of the containers located at the Site are in deteriorated condition and some are leaking. Persons entering the Site could be exposed to these materials through direct contact and/or inhalation.

C. Preliminary Assessment Results

Preliminary assessments of the Site determined that approximately 30 drums and 500-1000 bags of material are present. Hazcatting performed during the preliminary assessment revealed the presence of materials that meet the criteria of hazardous waste for the characteristics of ignitability and corrosivity. Container labeling indicates the presence of glacial acrylic acid, diethanolamine and sodium hydroxide. Phenolic resins, plasticizers and unidentified materials are also located at the Site.

IV. RESPONSE INFORMATION

A. Situation

1. Current Situation

EPA, START and ERCS have mobilized to the Site and Removal activities have been initiated. Vegetation has been cleared as necessary and staging areas set up. The command post trailer has been positioned and is operational. Telephone service has been initiated and water is being supplied via a fire hydrant, with an adapter that has been provided by the Newark Fire Department and Newark Office of Emergency Management.

2. Removal Action to Date

On July 7, 1997, the OSC and ERCS-RM met on-site to discuss pending removal activities.

On July 21, 1997, the OSC, START and ERCS mobilized to the Site. Clearing of overgrowth began and security was initiated. A generator, bobcat and portable toilets were delivered to the Site. Composite samples of the resins were taken and sent for analysis.

On July 22, 1997, clearing of the overgrowth was completed. The command post trailer was delivered and set up. Telephone service was installed. Delivery of roll-offs for resin disposal began and cleaning of resins from the asphalt was initiated.

On July 23, 1997, additional equipment and supplies necessary for operations were mobilized. Cleaning of the resins from the outside areas continued.

On July 24, 1997, heavy rains prevented work outside the building. Drums located at the site were inventoried and staged. Pooled water located at the site was sampled and sent for analysis.

On July 25, 1997, additional roll-offs for disposal of the resins were received. Clean-up of the resins located outside the building was postponed due to the presence of 4 to 16 inches of water that had accumulated after the previous days rainfall. Silica and carbon were removed from another building located on-site.

3. Enforcement

No enforcement activities are currently taking place at the Site.

B. Planned Removal Actions

The objective of this removal action is to eliminate the threat to public health and welfare and the environment caused by the materials abandoned at the Site. The removal action will include:

- 1.) Securing the Site.
- 2.) Inventory of materials located at the Site.
- 3.) Sampling and analysis of materials located on-site.
- 4.) Waste categorization.
- 5.) Transportation and disposal of all hazardous wastes in accordance with EPA's CERCLA Off-Site Disposal Policy.

The selected mode of transportation and method of disposal will be based on the analytical data.

C. Next Steps

Staging, inventory and logging of all materials located at the Site will be completed.

Sampling and analysis of materials will be completed.

Demolition of the structurally unsound section of Bldg. #1 will be coordinated and performed.

Waste categorization will be completed and materials segregated into proper waste streams.

Bulking of resins into roll-offs will be completed.

Transportation and disposal will be coordinated and implemented.

D. Key Issues

None

V. Cost Information

The following information is estimated cost for the removal action as of July 25, 1997.

	Cost to Date
ERCS	\$ 19,400.00
START	\$ 2,000.00
EPA	\$ 2,000.00
Total	\$ 23,400.00

The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.